IN THE CLAIMS:

- 1. (previously amended) A peptide characterized in being immunogenic and obtainable from the minor Histocompatibility antigen HA-1, said peptide further characterized by comprising a sequence selected from the group of sequences consisting of VLXDDLLEA (SEQ ID NO: 1), KECVLXDDL (SEQ ID NO: 3), combinations thereof, and a derivative of any thereof having similar functional or immunological properties, wherein X represents a histidine or an arginine residue.
- 2. (previously amended) The peptide of claim 1, wherein the sequence is VLHDDLLEA (SEQ ID NO:2).
- 3. (previously amended) The peptide of claim 1, wherein the sequence is KECVLHDDL (SEQ ID NO:4).
 - 4. (original) A preparation comprising the peptide of claim 1.
 - 5. (original) A preparation comprising the peptide of claim 2.
 - 6. (original) A preparation comprising the peptide of claim 3.
- 7. (previously amended) A method of inducing tolerance in a subject to transplants to prevent rejection and/or Graft versus Host disease or a method treating (auto)immune disease in a subject, said method comprising:

administering the preparation of claim 4 to the subject.

8. (currently amended) [[A]] <u>The method according to claim 7</u>, for the elimination of a group of hematopoietic cells, said method <u>further comprising</u>:

presenting the peptide of claim 1 in the context of HLA class 1, wherein tolerance is induced via elimination of a group of hematopoietic cells, said elimination is induced directly or indirectly by specific recognition of the peptide in the context of HLA class 1.

- 9. (currently amended) The method according to claim 7, wherein the preparation comprises An-an analog of the peptide of claim 1, and wherein said analog is an antagonist for the activity of a T cell recognizing the peptide.
- 10. (previously amended) A process for producing antibodies, T cell receptors, antiidiotypic B-cells, T-cells, or mixtures of any thereof, said process comprising:

immunizing a mammal with the peptide of claim 1, and

harvesting antibodies, T cell receptors, anti-idiotypic B-cells, T-cells, or mixtures of any thereof from the mammal.

- 11. (original) Antibodies, T-cell receptors, B-cells, T-cells, and or mixtures of any thereof obtainable by the process of claim 10.
- 12. (currently amended) A process for The method according to claim 7, wherein generating a cytotoxic T-cell is generated against a minor antigen, said method further comprising:

contacting a cell selected from the group of a hematopoietic cell and a dendritic cell with the peptide of claim 1, thus

generating a cytotoxic T-cell against the minor antigen.

13. (currently amended) The process of according to claim 12, wherein the cell is contacted with the peptide in the context of HLA-B60.

- 14. (currently amended) The process of method according to claim 12, wherein the cell is a dendritic cell.
- 15. (currently amended) The process of method according to claim 12 wherein the cell is a hematopoietic cell negative for said minor antigen.
- 16. (currently amended) The process of method according to claim 12, wherein said minor antigen is HA-1.
- 17. (currently amended) The process-of-method according to claim 12, wherein the contacting is carried out *ex vivo*.
- 18. (currently amended) The process of, method according to claim 12 wherein said cytotoxic T-cell includes a suicide gene.
- 19. (currently amended) The process of method according to claim 12, wherein said cytotoxic T-cell is immortalized.
- 20. (currently amended) A cytotoxic T-cell obtainable by the process method according to claim 12.
- 21. (original) The cytotoxic T-cell of claim 18, wherein said cytotoxic T-cell is capable of expansion.
- 22. (original) A method for eliminating a non-hematopoietic tumor cell presenting an HA-1 minor histocompatibility antigen (mHag) in a context of HLA class I, said method comprising:

directly or indirectly inducing elimination by specific recognition of mHag in the context of HLA class I.

23. (original) A method for killing a non-hematopoietic human tumor cell functionally expressing an HA-1 mHag in the context of HLA class I, said method comprising: incubating the non-hematopoietic human tumor cell with a cytotoxic T lymphocyte specific

for the HA-1 mHag presented in the context of HLA class I.

24. (currently amended) [[A]]<u>The</u> method <u>according to claim 7, for determining</u> whether a cell expresses functional levels of an HA 1 mHag in the context of HLA class <u>I</u>, <u>said method further comprising</u>:

determining whether a cell expresses functional levels of an HA-1 mHag in the context of HLA class I, said determining comprising incubating said cell with a cytotoxic T lymphocyte (CTL) specific for said HA-1 mHag presented in the context of HLA class I, and determining whether the cell and/or CTL is affected.

- 25. (original) A method for marking a non-hematopoietic tumor cell, said method comprising: incubating said cell with a molecule capable of specifically binding to an HA-1 mHag presented in the context of HLA class I, or capable of specifically binding to a nucleic acid encoding the HA-1 mHag presented in the context of HLA class I, and
 - marking non-hematopoietic tumor cells.
 - 26. (original) A non-hematopoietic tumor cell comprising:

a molecule capable of specifically binding to an HA-1 mHag presented in the context of HLA class I, or capable of specifically binding to a nucleic acid encoding said HA-1 mHag presented in the context of HLA class I.

27. (original) A method for at least in part inhibiting expansion of a tumor cell in an individual, said tumor cell comprising a non-hematopoietic tumor cell presenting HA-1 mHag in the context of HLA class I, said method comprising:

providing the individual and the tumor cell with a cytotoxic T lymphocyte (CTL) specific for an HA-1 mHag presented in the context of HLA class I, thus, at least in part, inhibiting expansion of the tumor cell.

- 28. (original) The method according to claim 27, wherein the individual is provided with said CTL by a graft comprising hematopoietic cells from a donor.
- 29. (original) The method according to claim 27, wherein the individual is provided with said CTL as a result of the induction of a Graft versus Tumor reaction in the individual.
- 30. (previously amended) The method according to claim 12, wherein the individual is vaccinated with a preparation comprising an immunogenic amount of an HA-1 antigen.
- 31. (currently amended) A process for The method according to claim 7, said method further comprising:

generating a cytotoxic T lymphocyte (CTL) capable of binding to an HA-1 mHag presented in the context of HLA class I, said process comprising: wherein generating said CTL comprises:

administering to an individual having a mismatch for the HA-1 mHag presented in the context of HLA class I, a non-hematopoietic tumor cell expressing the HA-1 mHag presented in context of HLA class I,

thus generating a CTL capable of binding to an HA-1 mHag presented in the context of HLA class I.

32. (currently amended) A cytotoxic T lymphocyte (CTL) capable of binding to an HA-1 mHag presented in the context of HLA class I produced by the process of method according to claim 31.

33. (original) A method for treating a disease in a subject related at least in part to non-hematopoietic tumor cells, said method comprising:

administering to the subject an antigen specific T cell having a specificity for HA-1 presented in the context of MHC class-I or a molecule capable of specifically binding an HA-1 mHag in the context of HLA class I, thus treating said disease.

34. (original) A method for treating cancer in a subject caused by non-hematopoietic tumor cells, said method comprising:

administering a composition comprising an HA-1 antigen to the subject.

35. (currently amended) [[A]] <u>The method according to claim 7, said method further comprising: for </u>

inducing and/or enhancing the generation of HA-1 specific cytotoxic lymphocytes in an HA-1 negative donor of lymphocytes, said method comprising: wherein inducing and/or enhancing the generation of said lymphocytes comprises:

administering an HA-1 antigen to the HA-1 negative donor thus generating HA-1 specific cytotoxic lymphocytes.

- 36. (currently amended) The method of claim [[36]]35 wherein the HA-1 antigen comprises the peptide of claim 1.
- 37. (previously amended) A method for treating a disease that is at least in part related to tumor cells, said method comprising:

administering the peptide of claim 1 to a subject.

- 38. (previously amended) A method for the elimination of a cell selected from the group of cells consisting of hematopoietic cells, tumor cells, and hematopoietic cells and tumor cells, the cell presenting the peptide of claim 1 in the context of HLA-B60, comprising inducing elimination directly or indirectly by specific recognition of the peptide in the context of HLA-B60.
- 39. (previously amended) A method for killing a cell selected from the group of cells consisting of hematopoietic cells, tumor cells, and hematopoietic cells and tumor cells, the cell expressing an HA-1 mHag comprising the peptide of claim 1 in the context of HLA-B60, said method comprising:

incubating the cells with a cytotoxic T lymphocyte (CTL) specific for the HA-1 mHag presented in the context of HLA-B60.

40. (previously amended) A method for marking a cell selected from the group of cells consisting of hematopoietic cells, tumor cell, and mixtures of hematopoietic cells, said method comprising:

incubating the cell with a molecule capable of specifically binding to an HA-1 mHag comprising the peptide of claim 1 presented in the context of HLA-B60, or capable of specifically binding to a nucleic acid encoding said HA-1 mHag.

- 41. (previously amended) The method according to claim 39, wherein the cell is a non-hematopoietic tumor cell.
- 42. (previously amended) A method for determining whether a cell expresses functional levels of an HA-1 mHag comprising the peptide of claim 1 in the context of HLA-B60, said method comprising:

incubating the cell with a cytotoxic T lymphocyte (CTL) specific for said HA-1 mHag presented in the context of HLA-B60 and determining whether the cell and/or CTL is affected.

43. (previously amended) A method for at least in part inhibiting expansion of a tumor cell, said method comprising:

providing the tumor cell with a cytotoxic T lymphocyte (CTL) specific for an HA-1 mHag comprising the peptide of claim 1 presented in the context of HLA-B60.

- 44. (currently amended) The method according to claim [[44]]43 wherein the tumor cell is non-hematopoietic.
- 45. (currently amended) [[A]]<u>The</u> method <u>according to claim 7, said method further</u> <u>comprising:</u>

for generating a cytotoxic T lymphocyte (CTL) capable of binding to an HA-1 mHag comprising the peptide of claim 1, presented in the context of HLA-B60, said method comprising: wherein generating said CTL comprises:

administering to an individual having a mismatch for the HA-1 mHag, a tumor cell expressing the HA-1 mHag presented in the context of HLA-B60.

- 46. (currently amended) The method according to claim [[46]]45, wherein the tumor cell is non-hematopoietic.
- 47. (previously amended) A method for treating a disease that is at least in part related to a tumor cell, said method comprising:

administering a molecule capable of specifically binding an HA-1 mHag comprising the peptide of claim 1 in the context of HLA-B60 to a subject.

- 48. (original) The method according to claim 48, wherein the tumor cell is non-hematopoietic.
- 49. (new) The method according to claim 7, wherein said preparation is administered intravenously.

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50. (new) The method according to claim 7, where said peptide of claim 1 is between 9 and 13 amino acids in length.